

Weekly Metrics for July 13 – July 19, 2003

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest Archive	GES DAAC	0.9	1x Baseline	0.9	A
			GES DAAC	0.9	1x Baseline	0.9	A
ICESat (1/03)	GLAS	L0 Ingest Archive	NSIDC	41	1x Baseline	33	W
			NSIDC	41	1x Baseline	33	W
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	89	M, U M, U M, U
		L1 Prod	GES DAAC	807	Various	440	
		L2 - 3 Prod	GES DAAC	107	2.03x Baseline	95	
		Archive	GES DAAC	1,012	Various	625	
		Distribution	GES DAAC				
		Testing/QA		99	IT Requirements	0	
	AMSR-E	L0 Ingest	NSIDC	10	1x Baseline	6	B
		L1 Ingest	NSIDC	9	Various	7.5	B, C
		L2-L3 Prod	GHRC	38	2.03x Baseline	0	C
		Archive	NSIDC	67	Baseline	14	C
		Distribution	NSIDC				
		Production				7	
	CERES	Archive	ASDC	169	Various	Included	See Footnote S
		Distribution	ASDC	1,421	IT Requirements	In Terra	
	MODIS	Testing/QA		109	1.015x Baseline	CERES	
		End Users					
		L0 Ingest	GES DAAC	518	1x Baseline	497	M M, R M, R M, R M, R
		L1 Prod	GES DAAC	5,047	Various	2,591	
		L2-L4 Prod	MODAPS	6,395	2.03x Baseline	3,691	
		Archive	LP DAAC	3,516	Various	2,103	
			GES DAAC	8,015	Various	4,598	
			NSIDC	426	Various	77	
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	0	G V
		End User		2,345	1.015x Baseline	102	
METEOR 3M (12/01)	SAGE III	Distribution				0	
		Production				0	
ACRIMSAT (12/99)	ACRIM 3	End Users				2,728	
						319	G
	ASTER	Distribution	GES DAAC	362	IT Requirements	42	V
		Testing/QA					
		To MODAPS/LaRC					
		End Users		4,157	1.015x Baseline	0.06	G
		Data Pool				0.06	
		Distribution	NSIDC	284	1.015x Baseline		
		End User					
		Data Pool					
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	1.0	D
		Distribution	ASDC			1.2	
ACRIMSAT (12/99)	ACRIM 3	Production				31	
		End Users		0.02	1.015x Baseline		
	ASTER	L1A Ingest	ASDC	1	1x Baseline	0	D
		L1B Ingest	ASDC				
		L1B Archive	ASDC				
	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	354	E
		L1B Ingest	LP DAAC	271	1.015x Baseline	76	E
		L1B Archive	LP DAAC	271	1.015x Baseline	77	E

Terra (12/99)		L2-L3 Prod Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	LP DAAC LP DAAC LP DAAC	1,221 2,173 1,221	3.045x Baseline Various 1.015x Baseline	112 545 1,614 561 0	E E G, O, P V
	CERES	Archive Distribution <i>Testing/QA</i> <i>End Users</i>	ASDC ASDC	357 1,421 119	Various IT Requirements 1.015x Baseline	1,227 8.7 61.6	S G, O
	MISR	L0 Ingest L1 Prod L2-L3 Prod Archive Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i> <i>Data Pool</i>	ASDC ASDC ASDC ASDC ASDC	249 3,359 285 3,894 137 1,215	1x Baseline Various 3.045x Baseline Various IT Requirements 1.015x Baseline	263 3,701 276 4,241 116 1,675 2,102 11	F F F G, O V
	MODIS	L0 Ingest L1 Prod L2-L4 Prod Archive Distribution <i>Testing/QA</i> <i>End Users</i> <i>Data Pool</i> Distribution <i>Testing/QA</i> <i>To MODAPS/LaRC</i> <i>End users</i> <i>Data Pool</i> Distribution <i>End Users</i> Distribution <i>End Users</i> <i>Data Pool</i>	GES DAAC GES DAAC MODAPS LP DAAC GES DAAC PO DAAC NSIDC LP DAAC GES DAAC PO DAAC NSIDC	518 7,570 12,789 7,034 12,990 0 853 23 2,345 362 4,157 0 284	1x Baseline Various 3.045x Baseline Various (L2-L4) Various (L0-L4) Various (L2-L3) Various (L2-L3) IT Requirements 1.015x Baseline IT Requirements 1.015x Baseline Baseline 1x Baseline	588 12,004 10,833 7,143 15,979 28 322 0 911 3.9 134 13,452 1,971 166 1 26 0.1	Q, T I, Q I, Q G, O V G V G, O V
	MOPITT	L0 Ingest L1 Prod L2 Prod Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	ASDC SIPS SIPS ASDC ASDC	2 2 2 6 1	1x Baseline Various 3.045x Baseline Various 1.015x Baseline	2 2 3 7 5 12 0.03	J J G, O V
	Landsat-7 (4/99)	Archive Distribution	LP DAAC LP DAAC	1,092 58	250 Scenes ECS ICD	735 40	X
	Jason-1 (12/01)	Archive (L0+) Distribution	PO DAAC PO DAAC	NA	NA	34 8	K
	QuikScat (6/99)	Archive (L0+) Distribution	PO DAAC PO DAAC	109	Weekly Average	41 884	K
	TOPEX (8/92)	Archive (L1+) Distribution	PO DAAC PO DAAC	24	Weekly Average	0.2 83	K
	Other Missions	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	25 60	L

Notes:

- A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
- C. Regular delivery of AMSR-E L1A data to US from NASDA resumed on June 19. No L2 or 3 data currently were sent from the AMSR-E SIPS for archival.
- D. Data from this instrument is not transmitted to DAAC daily.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
- F. Includes reprocessed data, in addition to current data.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
- J. No L1 or L2 products were received from MOPITT SIPS.
- K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- L. Includes distribution of educational materials, in addition to AVHRR SST products.
- M. The requirements for this instrument include reprocessing, but no reprocessing has started yet.
- N. Does not include distribution by subsetting tool.
- O. Does not include distribution by data pool.
- P. Orders have decreased sharply with the advent of charging for low-level ASTER data.
- Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
- S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
- T. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
- U. HSB is still in survival mode.
- V. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
- W. Laser #1 was shut down on March 19. The replacement laser is not expected to be turned on until mid-June and science data won't be available to users until September 2003.
- X. Landsat-7 scan line corrector failed on May 31 and subsequently Landsat-7 instruments were shut down. As of this week instruments were turned on and started acquisition of data. This data has anomaly present.

** Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1 st year after launch	2 nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.